

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo, TX

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

November

2012

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

December 15, 2012

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

Warm and dry conditions continued through November causing drought conditions to intensify across much of the San Angelo hydrologic service area (HSA). For San Angelo, this November tied as the 2nd driest November on record and the 4th warmest November on record. For Abilene, this November was the 7th warmest November on record.

The average precipitation reported from coop observers in November was 0.05 of an inch. The highest monthly total of 0.37 of an inch was reported in Menard County. Coop observers in Ozona, Sutton and Menard Counties received over 0.25 of an inch of rain in November.

The San Angelo Regional Airport reported a trace of precipitation during November, which was 1.14 inches below normal for the month. The monthly normal rainfall for San Angelo in November is 1.14 inches.

The Abilene Regional Airport received 0.29 of an inch of precipitation during November, which was 1.12 inches below normal for the month. The monthly normal rainfall for Abilene in November is 1.41 inches.

Junction received 0.03 of an inch of precipitation during November. The estimated average monthly rainfall in November is about 1.50 inches.

Hydro Products Issued

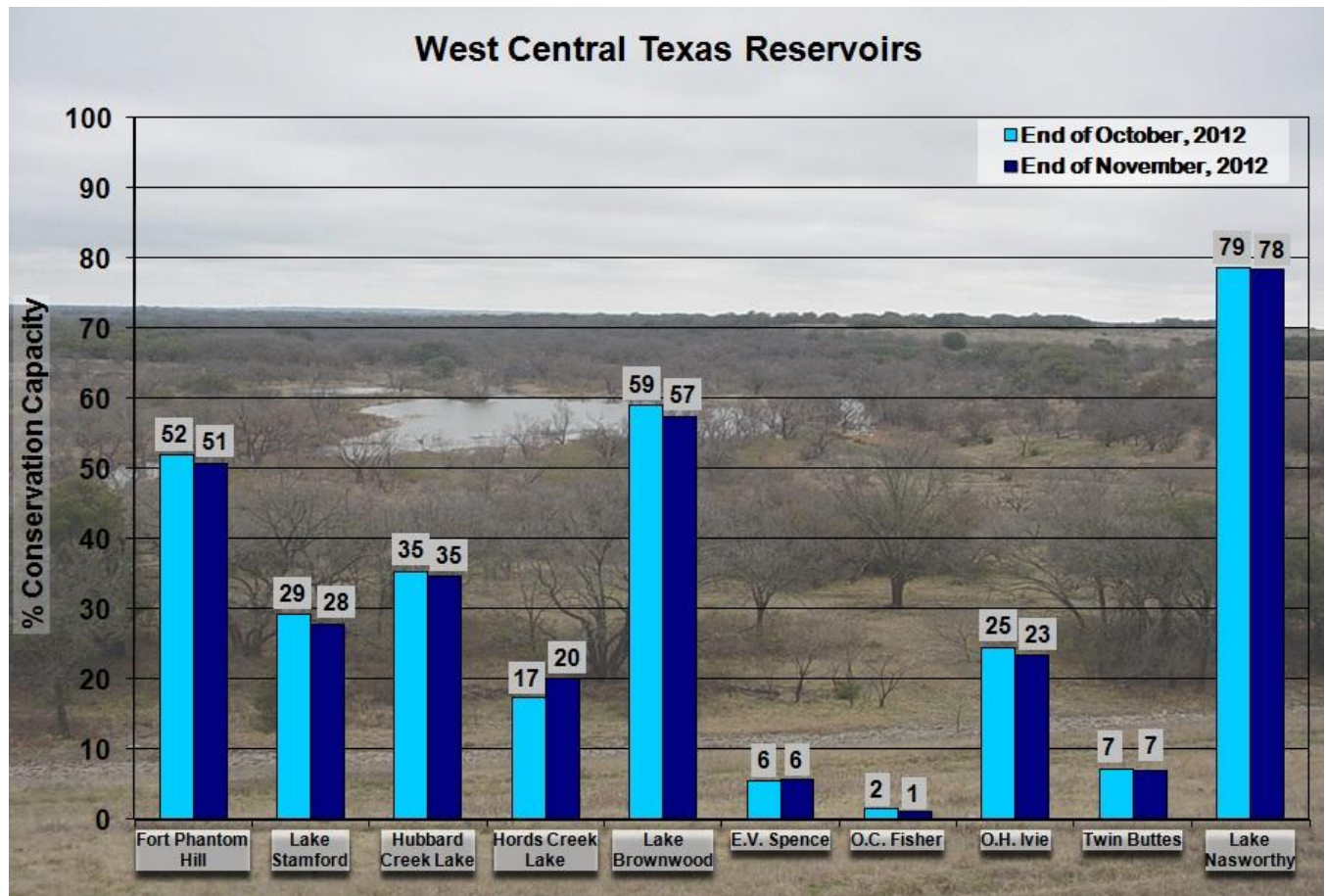
ESF = 2 (Probabilistic Forecasts)

Coop Observer Rainfall Totals for November, 2012:

Station Name	Amount (in)		Station Name	Amount (in)
Abilene	0.07		Menard	0.37
Albany	0.07		Mertzon 12WNW	Trace
Ballinger 2NW	0.00		Ozona	0.16
Brady	0.05		Ozona 22SE	0.27
Brownwood	0.00		Paint Rock	Trace
Burkett	0.00		Putnam	0.24
Coleman	0.00		Red Bluff Crossing	0.00
Concho Park	0.00		Roscoe	0.00
Eden	0.15		Rotan	0.05
Eldorado	0.03		San Angelo WFO	Trace
Ft. Griffin	0.12		San Saba 7NW	0.00
Ft. McKavett	0.02		Santa Anna 12SSE	0.00
Glen Cove 2NE	0.03		Silver Valley	0.00
Hamlin	0.00		Sonora	0.27
Haskell	0.01		Stamford	0.00
Hords Creek	0.02		Sterling City	0.00
Humble Pump	0.00		Taylor Ranch	0.00
Junction 4SSW	0.08		Throckmorton	0.00
Lake Abilene	0.00		Water Valley	0.00
London 3N	0.00		Water Valley 11NE	0.00
Mason	0.04		Woodson	0.00

Reservoir Conditions (end of November, 2012)

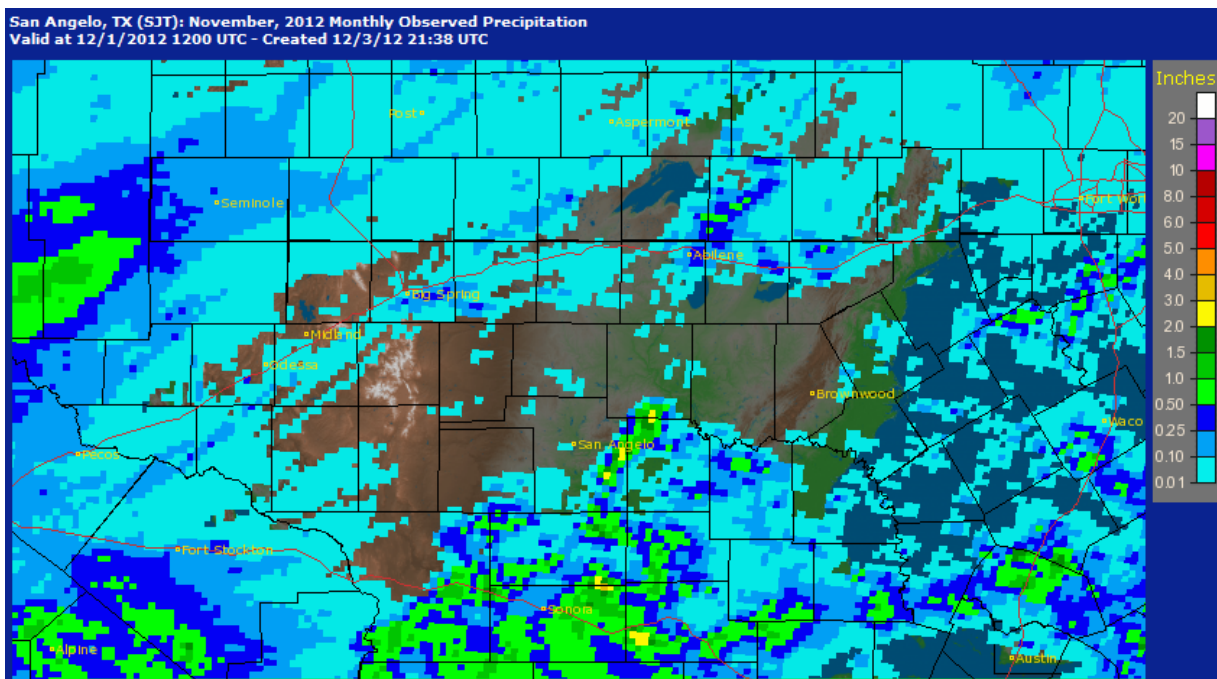
Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	35,530	51
Lake Stamford	52,700	14,340	28
Hubbard Creek Lake	317,800	110,150	35
Hords Creek Lake	8,800	1,340	20
Lake Brownwood	131,428	75,520	57
E.V. Spence	488,760	29,160	6
O.C. Fisher	119,200	1,290	1
O.H. Ivie	554,340	130,100	23
Twin Buttes	177,800	12,520	7



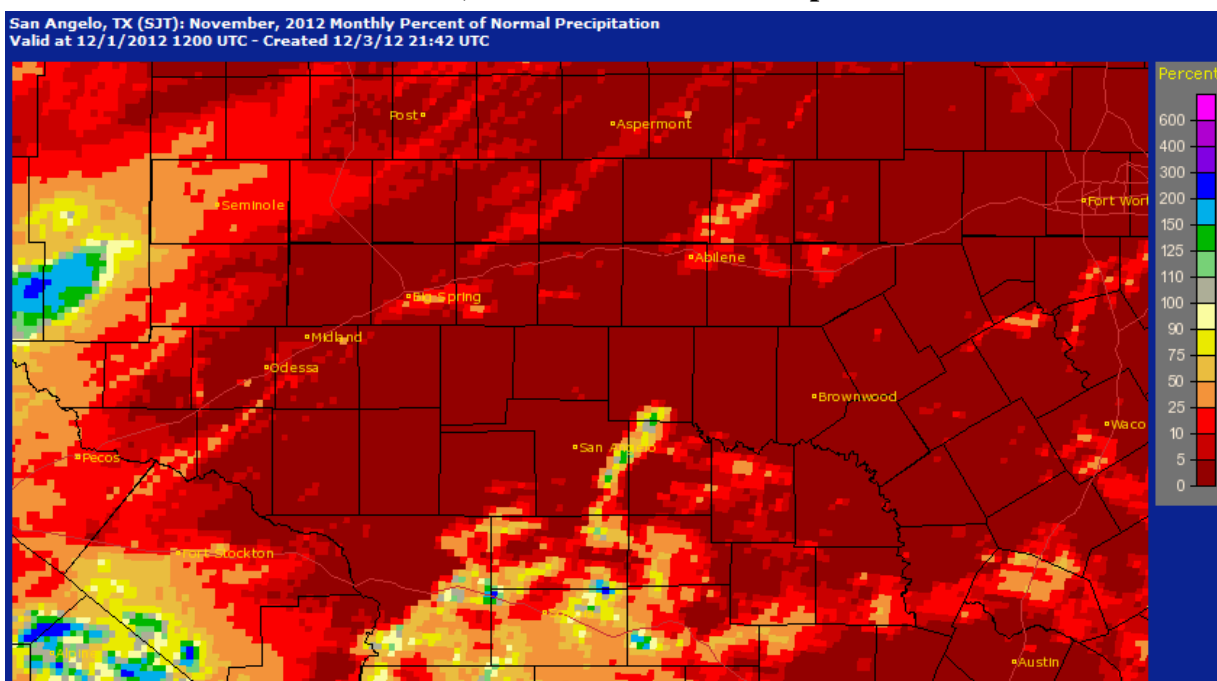
The NWS precipitation analysis can be viewed at <http://water.weather.gov/>.

The total monthly precipitation estimate and percent of normal precipitation for November across the San Angelo HSA is depicted below.

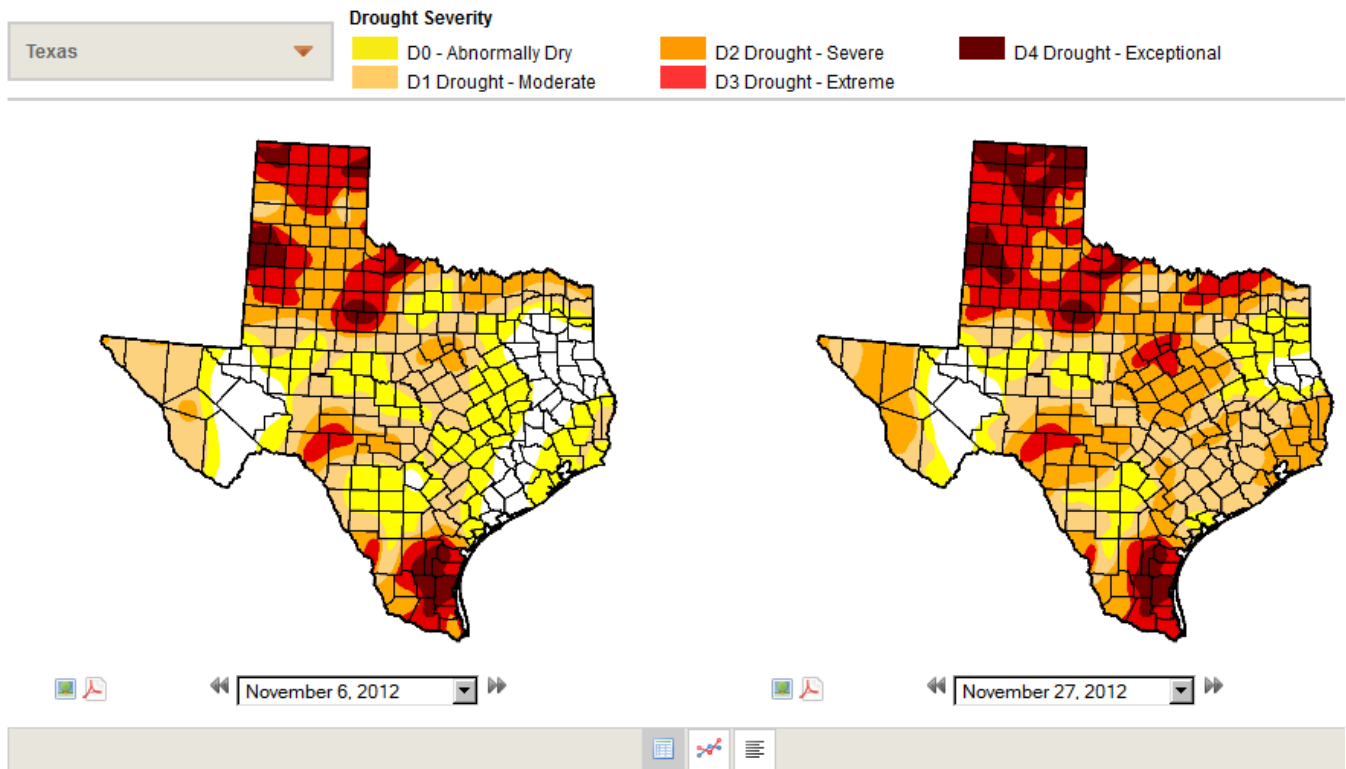
November 2012, Observed Precipitation



November 2012, Percent of Normal Precipitation



With a very dry month over much of the region, drought conditions intensified over areas in the HSA. The U.S. Drought Monitor depicted severe to exceptional drought conditions across the northern Big Country and severe to extreme drought conditions along and south of IH 10.



Week	Nothing	D0-D4	D1-D4	D2-D4	D3-D4	D4
November 6, 2012	15.44	84.56	59.90	33.55	16.98	4.68
November 27, 2012	6.16	93.84	80.51	54.47	24.50	7.63